MONTHLY BULLETIN

OF

THE OBSERVATORY

AMERICAN UNIVERSITY OF BEIRUT

QC
990
.L4
M6
1930

FORMERLY

SYRIAN PROTESTANT COLLEGE

BEIRUT, SYRIA

LAT. 33° 54′ 22″ N.

LONG. E. FROM GREENWICH 35° 28′ 10″

JANUARY, 1930

J. A. BROWN, DIRECTOR

LIBRARY
WEATHER BUREAU

Printed at the American Press
Beirut, Syria

JANUARY 1930
METEOROLOGICAL REGISTER

Date	Barometer reduced to O°C Sea level and 45° Latitude 700 mm +..				Thermometer Cent.					
	8:30	14:30	20:30	Mean	Max.	Min.	8:30	14:30	20:30	Mean
1	67.0	66.8	67.9	67.2	17.1	12.7	15.2	17.0	13.8	15.3
2	8.0	6.4	5.6	6.7	17.1	11.9	14.8	17.1	14.9	15.6
3	4.0	1.9	1.8	2.6	17.7	12.9	14.7	17.1	14.8	15.5
4	1.1	0.4	59.9	0.5	18.2	13.2	17.6	17.8	15.1	16.8
5	59.2	58.9	9.8	59.3	18.8	14.3	16.9	16.4	11.6	15.0
6	60.1	60.0	61.9	60.7	13.0	9.8	11.9	13.0	10.7	11.9
7	3.4	3.1	4.4	3.6	15.9	10.6	12.3	14.6	13.3	13.4
8	5.2	4.1	5.1	4.8	16.2	11.1	14.3	16.0	15.6	15.3
9	6.4	5.3	6.6	6.1	16.4	10.6	13.9	16.4	15.1	15.1
10	8.7	8.0	8.1	8.3	16.4	10.6	14.3	15.4	13.7	14.5
11	67.6	66.1	65.7	66.5	17.7	11.7	14.3	16.4	14.6	15.1
12	3.5	1.3	1.1	2.0	17.8	12.6	16.1	17.1	14.8	16.0
13	58.5	56.8	58.4	57.9	18.2	13.4	14.7	17.4	13.4	15.2
14	9.1	8.5	8.9	8.8	15.6	12.2	13.9	14.3	12.8	13.7
15	5.6	6.2	7.1	6.3	13.9	10.6	11.8	13.9	12.5	12.7
16	60.2	60.3	61.3	60.6	13.7	10.3	10.9	9.7	10.0	10.2
17	4.2	4.4	5.4	4.7	14.3	8.6	13.9	14.2	11.7	13.3
18	4.7	3.5	3.2	3.8	13.7	10.1	11.9	11.6	10.6	11.4
19	1.9	0.0	0.6	0.8	12.7	10.0	10.4	12.7	10.4	11.2
20	59.6	58.6	58.7	59.0	13.1	9.9	13.0	12.1	11.9	12.3
21	58.5	57.6	58.9	58.3	15.9	10.6	12.8	14.4	11.3	12.8
22	60.0	9.1	61.2	60 1	15.4	10.1	13.6	15.0	12.7	13.8
23	2.9	62.2	3.0	2.7	14.0	9.1	11.2	13.9	10.0	11.7
24	3.9	3.7	5.6	4.4	14.3	9.7	12.9	14.2	11.4	12.8
25	7.8	7.6	8.2	7 9	14.6	8.9	13.1	14.2	11.0	12.8
26	68.0	66.1	65.9	66.7	14.4	9.0	12.9	13.9	11.1	12.6
27	5.3	4.7	5.8	5.3	17.0	9.1	12.7	15.8	13.2	13.9
28	8.4	7.7	8.1	8.1	16.8	11.1	14.7	15.7	12.2	14.2
29	6.0	4.0	3.8	4.3	17.1	11.2	15.3	16.4	14.1	15.3
30	59.7	57.1	59.6	58.8	17.8	12.2	16.2	17.1	11.1	14.8
31	9.8	60.8	62.2	60.9	17.2	11.0	12.9	15.8	13.7	14.1
	63.17	62.3	62.99	62 83	15.87	10.94	13.71	15.05	12.68	13.81

Barometer, Range for month 755.6-768.7 m.m.
,, 50-yr. average for month 763.36 m.m.
Thermometer, Range for month 8.°6-18.°8
, 50-yr. average for month 13.°67
Rain, total for month 117.97 m.m
,, , 50-yr average for month 191.01m.m.
,, , total. Sept. 1st to end of month 463.65m.m.
,, , 50-yr average, Sept. 1st to end of month. 576.84m.m.

JANUARY 1930
METEOROLOGICAL REGISTER

	Wet Bulb Cent			Elasticity of Vapor m.m.				Relative Moisture per cent.				Sun	Rain
	8:30	14:30	20:30	8:30	14:30	20:30	Mean	8:30	14:30	20:30	Mean	hrs.	m.m.
1	12.8	13.7	11.6	9.6	9.7	9.0	9.4	74	68	76	73	8.6	
2	11.9	14.1	13.0	8.9	10.2	10.6	9.7	71	70	80	74	6.0	
3	12.2	13.6	11.9	9.2	9.5	8.8	9.2	74	66	70	70	0.0	0.25
4	13.3	14.7	13.4	9.0	10 2	10.5	9 9	60	66	82	69	6.8	
5	14.0	14.0	10.7	10.2	10.5	9.0	9.9	71	76	88	78	5.2	17.53
6	10.0	11.1	10.0	8.1	8.8	8.8	8.6	79	79	92	83	0.4	20.16
7	10.4	12.2	10.8	8.3	9.1	8.3	8.6	78	74	72	75	5.2	0.71
8	11.4	13.0	12.7	8.5	9.4	9.3	9.1	70	70	70	70	9.0	1.02
9	10.3	10 6	10.9	7.5	6.7	7.7	7.3	63	48	58	56	9.4	
10	10.6	12.1	10.3	7.7	8.7	7.7	8.0	62	67	66	65	9 5	
11	9.4	12.9	12.0	6.8	9.0	9.1	8.3	58	65	72	65	6.1	
12	10.0	12.2	9.7	6.4	8.0	6.6	7.0	47	58	53	53	8.6	
13	11.3	14.1	10.6	8.2	10.0	8.0	8.7	66	67	69	67	1.8	
14	12.1	11.4	10.6	9.4	8.5	8.3	8.7	79	70	75	75	0.4	
15	9.2	13.4	11.0	7.3	11.2	8.9	9.1	71	94	82	82	0.8	2.18
16	9.4	9.0	8.3	8.0	8.2	7.3	7.8	81	91	80	84	2.2	13.41
17	10.8	11.1	9.8	7.7	8.8	8.0	8 2	65	73	78	72	8.6	0.76
18	9.0	10.3	10.0	7.0	8.7	8.8	8.2	68	85	93	82	0.0	6.15
19	10.0	11.4	9.4	8.9	9.4	8.3	8.9	94	87	87	89	0.0	12.70
20	11.8	11.3	10.8	9.6	9.6	8.9	9.4	86	90	86	87	0.0	8.89
21	10,6	11,3	9.4	8.3	8.3	7.8	8.1	76	68	78	74	2.5	
22	10,4	12.1	9 9	7.8	8.8	7.6	8.1	67	70	69	69	8.8	
23	10.0	11.2	9 4	8.5	8.5	8.5	8.5	85	71	93	83	9.8	15.80
24	9.8	9.7	8.1	7.4	6 9	6.4	6.9	67	57	64	63	9.2	1.88
25	9.3	10.2	8.4	6.9	7.3	6 9	7 0	62	61	71	65	9.8	
26	9.2	10.4	8.8	6.9	7.6	7.2	7.2	62	64	73	66	5.2	
27	8.7	10.8	9.6	6.4	7.2	7.1	6.9	60	54	62	59	0.2	
28	10.4	11.9	9 4	6.7	8.3	7.6	7.8	58	63	74	65	9.8	
29	11.2	12.2	11.4	7.8	8 3	8.8	8.3	60	60	71	64	9.8	
30	11.4	14.3	10.4	7.9	10.4	9.1	9.1	59	72	92	74	5.6	6.73
31	12.1	13.7	12.3	10.0	10.3	9 9	10.1	91	78	84	84	4.2	9.80
	10 74	11.76	10.47	8.09	8.91	8 35	8.45	69.8	70 4	76.1	72 1	5.30	3.81

Height of Barometer above sea level: 33.7 meters.
" " Thermometers above ground:
Dry and wet 1.55 m.; Max. 1.75 m.; Min. 1.70 m
Rim of Rain Gauge: above ground 0.56 m.; above sea level 30.31 m.
Time of readings minus 2 hours equals G. C.T.
50-year averages are for period, 1875-1924

JANUARY 1930

METEOROLOGICAL REGISTER

Date	Clouds. Clear—0 Overcast—10				Direction and force of Wind 0—10			Wind per day	Sea	Notes
	8:30	14:30	20·30	Mean	8:30	14:30	20:30	Km.		
1	4strcu	2strcu	0	2.0	0	1n	0	162.5	light	
2	1cicu	8strcu	8nicu	5.7	0	2s	2s	231.4	mod.	
3	10ni	10strcu	10ni	10.0	1s	1s	1s	295.0	light	
4	6cicu	8strcu	0	4.7	2s	1s	1n	207.8	light	
5	6nicu	6nicu	10ni	7.3	1se	2s	1s	153.5	,,	
6	10ni	10ni	6nicu	8.7	2s	1s	1s	192.8	,,	
7	8nicu	3cu	8nicu	6.3	1e	0	1ne	171.9	,,	
8	1cu	1strcu	3strcu	1.7	0	3n	2n	207.5	mod.	
9	1cu	1cu	0	0.7	1n	3n	2n	109.4	light	
10	0	1cu	2ci	1.0	0	1n	1nw	85.9	calm	
11	10ci	8ci	1cu	6.3	0	0	0	53.7	calm	
12	1ci	6ci	6ci	4.3	0	0	0	47.3	calm	
13	10ni	8ci	6ni	8·0	0	1sw	1s	103.2	light	lunar halo
14	4strcu	8ni	10ni	7.3	2sw	3s	2s	455.1	slight	tr. rain
15	10ni	6ni	8ni	8.0	1e	1e	2e	227.2	mod.	
16	8nicu	8nicu	6strcu	7.3	2s	2s	2s	81.8	mod.	
17	8nicu	4cicu	2cicu	4.7	2s	0	1e	253.4	light	
18	10ni	10ni	8ni	9.3	1se	2e	1e	355.6	mod.	
19	10ni	10ni	10ni	10.0	1e	3s	1s	169.4	mod.	
20	10ni	10ni	8ni	9.3	2e	1e	1e	185.3	light	foggy day
21	8nicu	8nicu	1cu	5.7	1e	3s	1s	239.8	mod.	
22	2cicu	6strcu	8nicu	5.3	0	4s	3s	423.5	slight	tr. rain
23	10ni	8ni	2cu	6.7	2s	2s	1s	349.6	mod.	
24	1cu	2cu	1cu	1.3	2n	2n	1n	128.4	light	
25	1cu	1cu	1cu	1.0	1ne	1ne	1se	167.0	,,	
26	cu	1cu	0	0.7	1e	2e	0	304.1	mod.	
27	8cistr	6ci	0	4.7	0	1w	0	79.5	calm	
28	0	1cicu	0	0.3	1ne	1n	0	96.9	,,	
29	1cu	0	0	0.3	0	1ne	0	32.2	,,	
30	0	2str	1ni	1.0	0	1s	4s	145.9	light	haze in a.m.
31	8ni	6nicu	8ni	7.3	2s	4s	4s	586.8	slight	
				5.06				209.78		

Number of Daily Wind Observations

Time	N	NE	E	SE	S	SW	W	NW	Calm
8:30	2	2	6	2	7	1	0	0	11
14:30	6	2	4	0	12	2	1	0	4
20.30	4	1	4	1	13	0	0	1	7
Totals	10	5	14	3	32	3	1	1	22

Number of days with rain 15, fog 1, thunderstorms 0, gales 0.
50-yr average number of days with rain during month 15.8